



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Arei KOBAYASHI, et al.**

ATTN: BOX MISSING PARTS

Serial No.: **10/025,610**

Group Art Unit: **Not Yet Assigned**

Filed: **December 26, 2001**

P.T.O. Confirmation No.: 4491

For: **METHOD AND SYSTEM FOR CODE PROCESSING OF DOCUMENT DATA**

RESPONSE TO NOTICE TO FILE MISSING PARTS

**Commissioner for Patents
Washington, D.C. 20231**

April 16, 2002

Dear Sir:

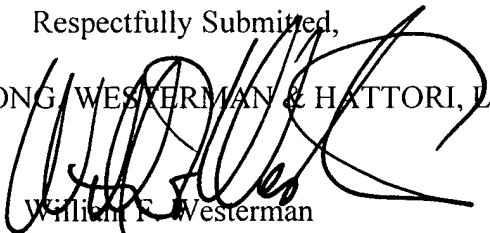
In response to the Notice to File Missing Parts of Application dated **February 25, 2002**, enclosed for filing is the verified English translation of application and statement of verified translation for the above-identified patent application.

Also enclosed is our check in the amount of **\$130.00**, for the surcharge fee of **\$130.00** for filing the late verified English translation. In the event that any additional fees are due with this paper, please charge Deposit Account No. 01-2340.

In the event that this response is not timely filed, applicants hereby petition for an appropriate extension of time. The fees for any such extension may be charged to our Deposit Account No. 01-2340. This paper is filed in triplicate.

Respectfully Submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP


William F. Westerman
Attorney for Applicants
Reg. No. 29,988

WFW/jaz
Atty. Docket No. **011736**
Suite 1000, 1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: Notice; Verified English Translation; 13 Sheets of Drawings

Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Arei KOBAYASHI, et al.**

Attention: **Applications Division**

Serial Number: **10/025,610**

Group Art Unit: **Not Yet Assigned**

Filed: **December 26, 2001**

P.T.O. Confirmation No.: 4491

FOR: **METHOD AND SYSTEM FOR CODE PROCESSING OF DOCUMENT DATA**

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
Washington, D.C. 20231

April 16, 2002

Sir:

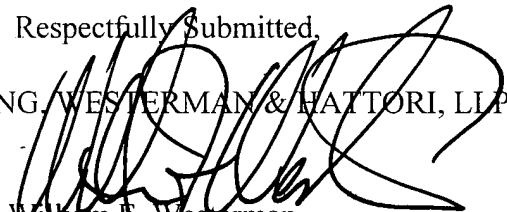
Please supply the undersigned attorney with a corrected filing receipt for the above-identified application. The undersigned also respectfully requests that the Patent and Trademark Office records be amended to reflect the correction.

In reviewing the official Filing Receipt, we noted an error in the total number of claims ("1" should read -8-) and the number of independent claims ("1" should read -2-). A copy of the claims is enclosed which indicates the correct information. We are enclosing a copy of the filing receipt with the corrections highlighted.

In the event that any fees are required in connection with this paper, please charge our Deposit Account No. 01-2340.

Respectfully Submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP


William F. Westerman
Attorney for Applicants
Reg. No. 29,988

WFW/jaz
Atty. Docket No. **011736**
Suite 1000, 1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: Official Filing Receipt; Copy of Claims



UNITED STATES PATENT AND TRADEMARK OFFICE

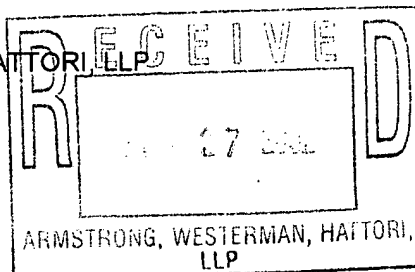
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/025,610	12/26/2001		740	011736	13	18	2

CONFIRMATION NO. 4491

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ARMSTRONG, WESTERMAN & HATTORI, LLP
1725 K STREET, NW.
SUITE 1000
WASHINGTON, DC 20006



FILING RECEIPT



OC000000007529643

Date Mailed: 02/25/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Arei Kobayashi, Saitama, JAPAN;
Satoru Takagi, Saitama, JAPAN;

Assignment For Published Patent Application

KDDI Corporation, Tokyo, JAPAN;

Domestic Priority data as claimed by applicant

Foreign Applications

JAPAN 397002/2000 12/27/2000

If Required, Foreign Filing License Granted 02/25/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Method and system for code processing of document data

Preliminary Class

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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NOT GRANTED

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WHAT IS CLAIMED IS:

1. A method for code processing of document data comprising the steps of:

encoding a document data written in a description language of an extensible text format to a code data, based on a translation table written in a description language of an extensible text format; and

processing said code data as said document data based on said translation table,

said translation table defining link information of other translation tables, defining a code length and a code assigned to items of said link information, an element name, an element value of said element name, an attribute name designated in said element name, an attribute value of said attribute name, and defining a code length and a code assigned for designate parentage structure between one element name and other element name.

2. A method as claimed in claim 1, wherein said items defined in said translation table used in said processing step are a subset of said items defined in said translation table used in said encoding step.

3. A method as claimed in claim 1, wherein said encoding step encodes only the items that are defined in said

translation table.

4. A method as claimed in claim 1, wherein said encoding step includes adding of an occupancy data which indicates a length occupied by said item to a code indicating said item, and wherein said processing step decodes from said code data of a position that skips said occupancy data length of said code, in case that said code not defined in said translation table exists in said code data, without processing said code.

5. A system for code processing of a document data comprising:

server for sending a document data written in a description language of an extensible text format;

encoding server for encoding said received document data to a code data based on a translation table, and sending the code data; and

client for processing of said code data as said document data based on said translation table,

said translation table being written in a description language of an extensible text format, defining a link information of other translation tables, defining a code length and a code assigned to items of said link information, an element name, an element value of said element name, an attribute name designated in said element name, an attribute

value of said attribute name, and defining a code length and a code assigned to designate parentage structure between one element name and other element name.

6. A system as claimed in claim 5, wherein said items defined in said translation table used by said client are a subset of said items defined in said translation table used in said encoding server.

7. A system as claimed in claim 5, wherein said encoding server encodes only said items defined in said translation table.

8. A system as claimed in claim 5, wherein said encoding server adds an occupancy data which indicates a length occupied by said item to a code indicating said item, and wherein said client decodes from said code data of a position that skips said occupancy data length, in case that said code not defined in said translation table exists in said code data.